

I am very concerned about the possibility that the FCC will approve PLC (Power Line Communications), also known as BPL (Broadband over Power Line). I think that power lines should not be used for the transmission of data as proposed under PLC, for two important reasons:

1. At the frequencies which are suggested for BPL usage (between 2 and 80 MHz) these power lines represent giant antennas, and there is a strong possibility that these power lines will radiate signals throughout the proposed range of frequencies, causing serious and wide-spread interference to existing services which presently are using these frequencies for legally-sanctioned purposes.

2. Any and all data which might be transmitted across these power lines via BPL would potentially be vulnerable to interception and utilization by anyone with the desire to "receive" this data. In essence, these power lines could be "broadcasting" the BPL data throughout a wide region, representing a total breakdown in communications security.

Thank you.

Sincerely,

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